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## HASAKEE Q9S Q9C Drone Propellers

# HASAKEE AVIALOGIC Q9S Q9C Drone Spare Propellers Instruction Manual

Essential guide for propeller replacement and maintenance.

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation and maintenance of AVIALOGIC 20PCS Spare Propellers designed for the Q9S and Q9C Drone models. Proper installation and care ensure optimal flight performance and longevity of your drone.

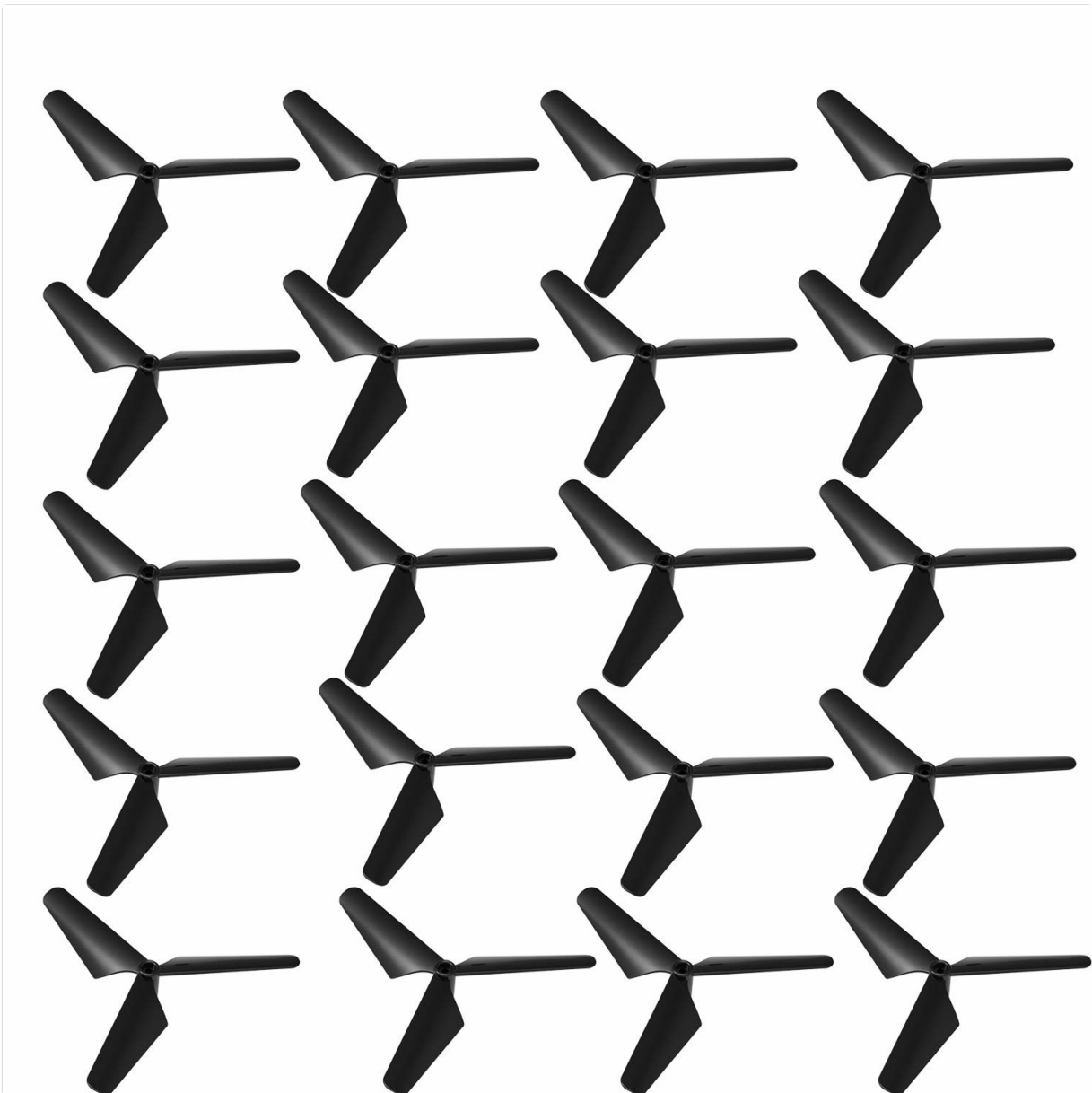


Image: A package containing 20 spare propellers for the AVIALOGIC Q9S Q9C Drone, showing various propeller types and a small bag of screws.

## 2. PACKAGE CONTENTS

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Your package includes the following items:

- 20 PCS Propellers (10 x Propeller A, 10 x Propeller B)
- Screws for installation

## 3. PROPELLER IDENTIFICATION AND SPECIFICATIONS

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The propellers are categorized into 'A' and 'B' types, which are crucial for correct installation to ensure proper drone flight. The shaft diameter for these propellers is 0.8 mm. The propeller lengths vary, including 37mm, 42mm, and 46mm options, with a 1mm hole diameter (0.04 inches) for mounting.

### Propeller Details:

- **Shaft Diameter:** 0.8 mm
- **Hole Diameter:** 1 mm (0.04 inches)

- **Lengths:** 37 mm, 42 mm, 46 mm (1.8 inches)
- **Types:** A and B (clockwise and counter-clockwise rotation)

## Visual Guide: Propeller Types and Shafts

Your browser does not support the video tag.

Video: A demonstration showing different sizes of nylon propellers (37mm, 42mm, 46mm) with 0.8mm and 1.0mm shaft diameters, and how to identify A and B type propellers.

## 4. INSTALLATION

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Follow these steps to correctly install or replace the propellers on your Q9S or Q9C drone:

1. **Identify Propeller Type:** Each propeller is marked with either 'A' or 'B'. Ensure you match the correct propeller type to the corresponding motor on your drone. Incorrect placement can lead to unstable flight or prevent the drone from taking off.
2. **Remove Old Propeller (if applicable):** Carefully unscrew and remove any damaged propellers. Keep track of the screws.
3. **Align New Propeller:** Place the new propeller onto the motor shaft, ensuring the hole aligns with the shaft.
4. **Secure with Screws:** Use the provided screws to firmly attach the propeller to the motor. Do not overtighten, as this can damage the propeller or motor.
5. **Verify Rotation:** After installation, manually spin each propeller to ensure it rotates freely without obstruction. The 'A' propellers typically rotate clockwise, and 'B' propellers counter-clockwise, but always refer to your drone's specific manual for exact orientation.

**Important: Always check the orientation of the blades (clockwise and counter-clockwise) before replacing them. Refer to your drone's original manual for specific motor assignments.**

## 5. OPERATING THE DRONE (GENERAL INFORMATION)

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While this manual focuses on propellers, understanding general drone operation is key to their longevity. The AVIALOGIC Q9S/Q9C drone is designed for ease of use, featuring one-press takeoff and landing, altitude hold, and multiple speed settings. It also includes headless mode for simplified control and propeller guards for protection.

### Drone Overview:

Your browser does not support the video tag.

Video: An unboxing and features overview of the AVIALOGIC Q9/Q9s drone, demonstrating its design, remote control, and basic functionalities.

## 6. MAINTENANCE

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Regular maintenance of your propellers is essential for safe and efficient drone operation:

- **Inspect Regularly:** Before and after each flight, visually inspect all propellers for any signs of damage, cracks, bends, or debris.
- **Clean Propellers:** If dirt or debris accumulates on the propellers, gently clean them with a soft, dry

cloth. Avoid using harsh chemicals.

- **Replace Damaged Propellers:** Even minor damage can affect flight stability and safety. Replace any damaged propeller immediately with a new one of the correct type (A or B).
- **Store Properly:** When not in use, store spare propellers in a cool, dry place away from direct sunlight and extreme temperatures to prevent warping or degradation.

## 7. TROUBLESHOOTING

If you encounter issues after replacing propellers, consider the following:

- **Drone Unstable/Drifting:** Double-check that 'A' and 'B' propellers are installed on their correct motor positions. Refer to your drone's manual for the specific layout.
- **Unusual Noise/Vibration:** This often indicates a bent or damaged propeller. Inspect all propellers closely and replace any that appear compromised. Ensure screws are tightened appropriately.
- **Drone Not Taking Off:** Verify that all propellers are spinning in the correct direction. If not, recheck installation and propeller types. Ensure the drone's battery is fully charged.

## 8. SPECIFICATIONS

Feature	Detail
Product Type	Spare Propellers
Compatibility	AVIALOGIC Q9S, Q9C Drones
Quantity	20 PCS (10 x Propeller A, 10 x Propeller B)
Propeller Lengths	37mm, 42mm, 46mm (approx. 1.8 inches for 46mm)
Shaft Diameter	0.8 mm
Hole Diameter	1 mm (0.04 inches)
Manufacturer	HASAKEE
Item Weight	1.13 ounces
Package Dimensions	4.72 x 4.72 x 0.98 inches

## 9. RELATED ACCESSORIES: BATTERY INFORMATION

For extended flight times and optimal performance of your Q9S/Q9C drone, compatible batteries and multi-chargers are available. These accessories allow you to charge multiple batteries simultaneously, minimizing downtime.

### Battery Charging Demonstration:

Your browser does not support the video tag.

Video: A demonstration of charging multiple 3.7V 400mAh lithium batteries using a 5-in-1 charger, compatible with various drone models including H99W, H31, H6C, H98, AT-96, TR-C385, TR-P51, and TR-F22.

Your browser does not support the video tag.

Video: A demonstration of the VICMILE 3.7V 450mAh High Performance Lipo Battery with Molex connector, highlighting its features and compatibility.

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Video: A demonstration of a 3.7V 800mAh remote control drone aircraft lithium battery, showcasing its use and features.

## 10. WARRANTY AND SUPPORT

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For warranty information, technical support, or further assistance, please refer to the official HASAKEE product website or contact their customer service directly. Keep your purchase receipt for warranty claims.